

09/830649

Abstract  
(Fig. 3)

5           It is intended to further develop a machine knife for  
trimming books or the like, which has a knife support made of  
metal and can be connected with a machine, and a blade, which is  
made of a cutting material and is to be connected with the knife  
support, in such a way that its manufacture is cost-effective and  
10 it is simple to manipulate and assures a high process  
dependability. In accordance with the invention this is achieved  
in that, as a part which is replaceable in respect to the knife  
support 1, 1', 1", 1'''', the blade 7, 10, 11, 12 is embodied in  
such a way that it is inseparably connected as one component with  
15 a blade holder 4, 4', 4", 4'''', wherein the blade holder 4, 4',  
4", 4''' is releasably attached to the knife support 1, 1', 1",  
1''' and is of such a size and shape that it can be comfortably  
manipulated and accurately positioned. In a preferred embodiment  
the blade 7 is embedded in a lock seam 8 at the free end of the  
20 blade holder 4. Embodiments wherein the blade holder 4", 4''' is  
recessed at the blade tip in respect to the knife support 1", 1'''  
and is shaped in such a way that the blade 11, 12 covers the blade  
holder 4", 4''' over its entire height and constitutes a contact  
face 13 used for support in respect to the cutout 3, satisfy  
25 higher stress demands. The blade 7, 10, 11, 12 can also be  
selected from ceramic materials inter alia.